

View Sync Diff Revs Diff vs ClientFile Describe Changelist Help

OK

Revision File Name Changelist Date Description

3	//depot/m...	6687	2000/02/04	integrated the latest protocol changes from James.
2	//depot/m...	2120	2000/01/10	Update ical sync, get receive sync requests to work.
1	//depot/m...	1974	2000/01/05	Files added to Applications 2.0 that are not in 1.7.

```

/*****
crimeformat.cpp - Implements the functions used to format crime

```

```

Description:

```

5

```

Example:

```

```

Original Author: Craig Dunk

```

10

```

Modified By:

```

```

Modified By:

```

```

(C) 1998 Research In Motion Ltd.

```

15

```

*****/

```

```

#pragma warning(disable: 4514)

```

```

#include "icalformat.h"

```

20

```

#include "icalconstants.h"

```

```

#include "icalstreams.h"

```

```

#include "icaldecoder.h"

```

```

#include "icalencoder.h"

```

```

//include "transform.h" //implemented in utility project

```

25

```

#include "ntoh.h" //implemented in utility project

```

```

//include "debug.h"

```

```

#include <assert.h>

```

```

#include <memory.h>

```

```

#include <string.h>

```

```

#include <stdlib.h>

```

```

#include <stdio.h>

```

```

class CICALFormat : public iCalFormat

```

35

```

{
public:

```

```

virtual bool MessageToStream( RIMCalendarInfo& Message, RIMStream& Stream, bool bMoreSupported = false);

```

```

virtual bool StreamToMessage( RIMStream& Stream, RIMCalendarInfo& Message);

```

40

```

private:

```

```

CicalDecoder Decoder;

```

```

CicalEncoder Encoder;

```

```

220 //////////////RIM UID
    {
        RIMEvent::UIDProperty * RIMPropertyToEncode = 0;
        SuccessOfGet = Vevent.GetProperty(&RIMPropertyToEncode);
        if (SuccessOfGet)
        {
            unsigned char TempBuffer [4];

            htonl( RIMPropertyToEncode->GetUID(), TempBuffer);

            CICALPropertyToEncode.Clear();
            SuccessFlag = CICALPropertyToEncode.Set(CicalProperty::NcCicalUID,
                TempBuffer,
                4);

            if (!SuccessFlag)
            {
                goto end;
            }
            SuccessFlag = Encoder.AddProperty (CICALPropertyToEncode);
            if (!SuccessFlag)
            {
                goto end;
            }

            CICALPropertyToEncode.Clear();
        }
    }

240 //////////////Sequence #
    {
        RIMEvent::SequenceProperty * RIMPropertyToEncode = 0;
        SuccessOfGet = Vevent.GetProperty(&RIMPropertyToEncode);
        if (SuccessOfGet)
        {
            unsigned char TempBuffer [4];

            htonl( RIMPropertyToEncode->GetSequenceNumber(), TempBuffer);

            CICALPropertyToEncode.Clear();
            SuccessFlag = CICALPropertyToEncode.Set(CicalProperty::NcCicalSequence,
                TempBuffer,
                4);
            if (!SuccessFlag)

```

```

260     {
261         goto end;
262     }
263     SuccessFlag = Encoder.AddProperty (CICALPropertyToEncode);
264     if (!SuccessFlag)
265     {
266         goto end;
267     }
268     CICALPropertyToEncode.Clear();
269 }
270
271 //////////////Revision #
272 {
273     RIMEEvent::RevisionProperty * RIMPropertyToEncode = 0;
274     SuccessOfGet = Vevent.GetProperty(&RIMPropertyToEncode);
275     if (SuccessOfGet)
276     {
277         unsigned char TempBuffer [4];
278         htonl( RIMPropertyToEncode->GetRevisionNumber(), TempBuffer);
279
280         CICALPropertyToEncode.Clear();
281         SuccessFlag = CICALPropertyToEncode.Set(CicalProperty::NoCicalRevision,
282                                         TempBuffer,
283                                         4);
284         if (!SuccessFlag)
285         {
286             goto end;
287         }
288         SuccessFlag = Encoder.AddProperty (CICALPropertyToEncode);
289         if (!SuccessFlag)
290         {
291             goto end;
292         }
293         CICALPropertyToEncode.Clear();
294     }
295 }
296
297 //////////////Calendar ID
298 {

```